



JRC SCIENTIFIC AND POLICY REPORTS

# DCF Data Call Coverage Report for the Mediterranean Sea in 2012

JRC G.04 FISHREG Data Collection Team

Report EUR 26367 EN

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JRC 79735

EUR 26367 EN

ISBN 978-92-79-34810-5

ISSN 1831-9424

doi:10.2788/42092

Luxembourg: Publications Office of the European Union, 2013

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Printed in Italy

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# **1 Introduction**

DG MARE called the DCF Data from Member States in the Mediterranean and Black Sea on 12 April 2012, defining the deadline of 18 June 2012 for data submissions from Member States, under the Community Framework of Data Collection Regulation (DCR) (Council Regulation (EC) № 199/2008 of 25th February 2008). The data call also defined a second deadline 3<sup>rd</sup> December 2012 for the submission of trawl and hydro acoustic surveys data. The data call and its format are documented on the JRC's DCF website: <http://datacollection.jrc.ec.europa.eu/data-calls>.

In comparison with the 2011 format data call, the current 2012 DCF data call do not comprise both economic tables. Furthermore, other species were included in the Appendix 7 of the data call.

The DCF data submitted by national correspondents are duly evaluated in the present coverage report by JRC DCF team as part of an Administrative Arrangement with DG MARE. The report provides a detailed review of the timeliness, completeness and quality of data submissions by Member State.

The Coverage Report would support end user feedback provided to DG MARE to facilitate the evaluation of EU Member States' completion according to DCF provisions.

The evaluation is based on data specifications defined in the 2012 DCF data calls issued by DG MARE and it is based on three aspects: 1) timeliness of the submissions (according to the deadlines), 2) completeness (availability and coverage) of the data submitted, and 3) quality that allows to provide the requested scientific advice. The data quality assessment was performed by Expert Working Groups convened under the STECF framework with the support of JRC data collection team.

This coverage report is structured in 4 different sections. The first section presents procedures undertaken by the JRC to serve the data collection and to evaluate the validity and coverage of the submitted data. The second section consists of an overall evaluation and major comments regarding data submissions. The third part describes in detail the data tables submitted and outlines issues with missing data and resolution of the submitted variables. The last section is dedicated to a detailed review of timeliness, quality and coverage of each Member State's data submissions.

## 2 Checking procedures for Data Coverage

The uploading facilities, together with the Data Validation Tool v2.4, developed by JRC DCF team have significantly contributed to an overall improvement in the quality of data submissions by assisting the national correspondent user to achieve the data uploads.

### 2.1 Checks carried out prior uploading to JRC (Data Validation Tool)

The Data Validation (DV) tool is a set of macros developed in Visual Basic for Applications (VBA) and embedded in specifically designed template Excel Workbooks for the Mediterranean data call. The main purpose of this tool is to facilitate and support the Member States in uploading data which meet the requirements defined by DG Mare in the official DCF data call. The use of these Excel Template files is not mandatory. However, the data validations checks performed by the DV tool can highly reduce the number of inconsistent records the file to be uploaded to the DCF web site may contain, and hence assist to the success of the uploading procedure.

The tool is capable of checking national data stored in Excel rows against certain codifications and rules as requested in data call. The checks are for syntactic but also semantic errors. The majority of the checks concerns the use of valid codes referred to the various Appendixes of the data call and the type of the data entered (numeric or text). Erroneous data are identified, marked automatically with a red colour and can be easily corrected using a drop down list with valid codes provided by the Tool. Furthermore, with the DV Tool a user can examine duplicated records.

In the current version of the Data Validation Tool (2.4) that was available for the 2012 Mediterranean data call, there are 12 template files available, named DV\_A\_catch.xlsm, DV\_B\_landings.xlsm, DV\_C\_discards.xlsm, DV\_D\_effort.xlsm, DV\_G\_medita\_ta.xlsm, DV\_H\_medita\_tb.xlsm, DV\_I\_medita\_tc.xlsm, DV\_K\_medita\_td.xlsm, DV\_L\_medita\_tt.xlsm, DV\_M\_abundance.xlsm, DV\_N\_biomass.xlsm and DV\_O\_abund\_bio.xlsm for Office 2007 users, and 12 template files with an .xls extension for Office 2003 users. These files correspond to the 12 data tables as described in the data call.

The Data Validation Tool files together with the user manual were made available (to national correspondents) for download from the Data Collection Framework web site <http://datacollection.jrc.ec.europa.eu/web/dcf/dc/medbs>.

### 2.2 Checks carried out during the uploading procedure (Upload facilities)

During the data uploading procedure a number of automatic syntactic checks are carried out on the data. The majority of these checks are the same with the checks carried out from the DV Tool.

The syntactic checks are carried out without any specific knowledge of what the data contains or its meaning. They inform JRC if the data is present or not and in the correct format. These checks automatically report if submitted data do not conform to specific restrictions, such as ensuring

textual data is validated against defined parameters lists e.g. species codes, country codes, area codes etc. In addition, numeric data are checked to make sure they contain numbers and not strings, positive values, and/or mandatory values. In the event of errors, messages are displayed to the person uploading the data on screen but are also available as plain downloadable txt files. Regardless if the data respects the code definitions or not the data is accepted and populates the tables of the database provided that the file submitted follows some general structure rules (i.e. is an Excel 2003 file, not corrupted, has the correct heading row and valid names for the Worksheets). National correspondents received immediate feedback when attempting to upload their data submissions. This helped users identifying inconsistencies with their own data and to fix it without intervention from the JRC data collection team. Support was generally required on technical issues with the upload server, and more complex issues regarding the datasets. These basic syntactic and semantic checks and immediate feedback have contributed significantly to the overall improvement of the quality of the data submitted.

## 2.3 Checks carried out after the uploading procedure

Once the datasets were successfully uploaded by the Member States, JRC evaluated how well the data fits with the definitions of the data call by checking the data coverage and search for any deficiencies or omissions in the data. In case of irregular or missing data the MS was contacted for clarification.

## 2.4 Miscellaneous checks

For each Member State, checks are carried out to ensure that all the necessary data have been successfully uploaded to the JRC database.

On top of the results of the upload facility, different views (queries) on the data were applied and several omissions and data anomalies with respect to what was expected were detected. These issues were also communicated to the Member States.

JRC team also performed the preparation of the data sets for the needs of the two relevant STECF expert working groups for the stock assessment of pelagic and demersal species EWG 12-10 (16-20 July 2012) and EWG 12-19 (10-14 December 2012). This task includes abundance and biomass indices and their variance for each species. This step offered an additional check on the data submitted and allowed the detection of other data anomalies.

These basic checks and immediate feedback to national correspondents have contributed significantly to the overall improvement of the quality of the submitted data.

### 2.4.1 Checks on MEDITS data

The MEDITS trawl survey data submitted in response to the data call is considered to be one of the most important and structured fisheries independent information collected from Member States.

Given the importance of this dataset, JRC data collection team developed a new library of quality checks in PostgreSQL (the MEDITS database stored at JRC) in order to discover hidden inconsistencies/erroneous entries in the submitted data with respect to the MEDITS instruction manual. The checks reveal different types of inconsistencies in relations within and between TA, TB and TC data tables. A summary overview of the errors by routine is listed in the STECF EWG 19-12 report.

The library of the MEDITS quality checks and the preliminary results were presented during the EWG 12-19 meeting, where it received a highly positive feedback. The problematic data identified by the checks was communicated back to the experts in order to be examined and hence to validate the methodology. The feedback from the experts is expected to improve the library and make it fully functional for the 2013 data call. For the sake of this Coverage Report, given the ongoing validation of the 26 checks, it was decided to only include the first 3. Selected results of the the quality checks are presented in the section 4.5.

This library contributes to the JRC data collection team efforts in performing thorough quality checks on the data submitted via the data calls and to give the necessary feedback to MS regarding the quality of the data.

## 2.5 Quality checks

During the EWG 12-10 and EWG 12-19 invited experts were requested, given the Terms of References, to evaluate and comment on the quality of the submitted data from each GSA accordingly. Only during such meetings of experts a thorough review of data quality evaluation in accordance with the data call and the recent trends in the numeric values can be performed. The quality was evaluated when the data was incomplete and/or insufficient and/or inconsistent and as a result hindered or delayed the scientific advice process. Finally only at this level of check, when the data are actually used into population dynamics models, it can be concluded if a series of data is biologically consistent or not. Details on the quality of the data are summarized in the data quality section of the STECF reports.

## 3 Overall data review

In this section, an overall evaluation of the timeliness and coverage of the Member States' data is given.

Table 3.1 shows an overview of any upload by the Member States in response to the 2012 Mediterranean data call. As it is clearly indicated, Greece was the only Member State which did not provide any data. However, this table indicates whether or not any of the requested data tables was submitted and does not refer to the coverage, the years or the quality of the submitted data.



**Table 3.1** Submitted data tables (except MEDITS data) from the Member States. N/A=not submitted.

Country	Table A_CATCH	Table B_LANDINGS	Table C_DISCARDS	Table D_EFFORT	Table M	Table N	Table O
Cyprus	Yes	Yes	Yes	Yes	N/A	N/A	N/A
France	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Greece	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Italy	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Malta	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Slovenia	Yes	Yes	Yes	Yes	N/A	N/A	N/A
Spain	Yes	Yes	Yes	N/A	Yes	Yes	Yes

In

Table 3.2 the dates of the first and the last submissions of any of the data tables requested are given. These dates consider also any submissions and re-submissions during the meetings or any official request to EWG or JRC experts to address any identified data deficiencies.

Concerning timeliness of data upload, Cyprus and Slovenia succeeded to submit data before the deadline of 18 June 2012. Spain started the data submission after the deadline. France, Malta and Spain kept updating their data submissions after the deadline. No data appeared from Greece.

**Table 3.2** Time period of Member States' data submissions in response to the first deadline of the 2012 data call. Data submissions after the deadline of 18/06/2012 are indicated with red.

Country	First Submission	Last Submission
Cyprus	15-06-2012	18-06-2012
France	18-06-2012	<b>12-08-2012</b>
Greece	-	-
Italy	12-06-2012	<b>13-07-2012</b>
Malta	18-06-2012	<b>12-03-2012</b>
Slovenia	04-06-2012	05-06-2012
Spain	<b>21-06-2012</b>	<b>27-07-2012</b>

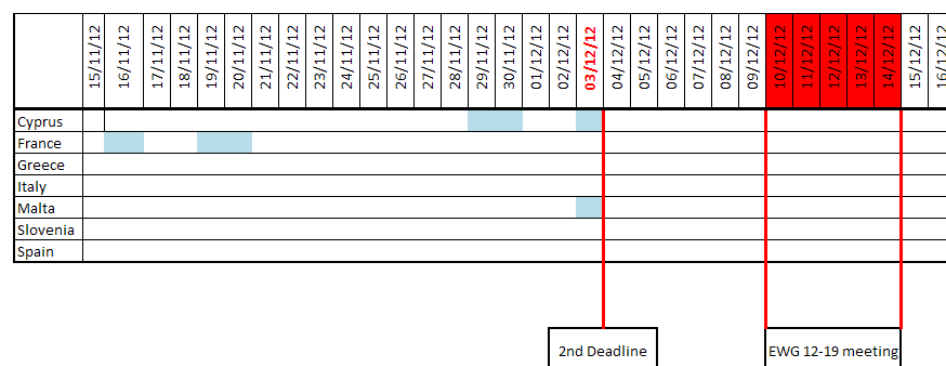
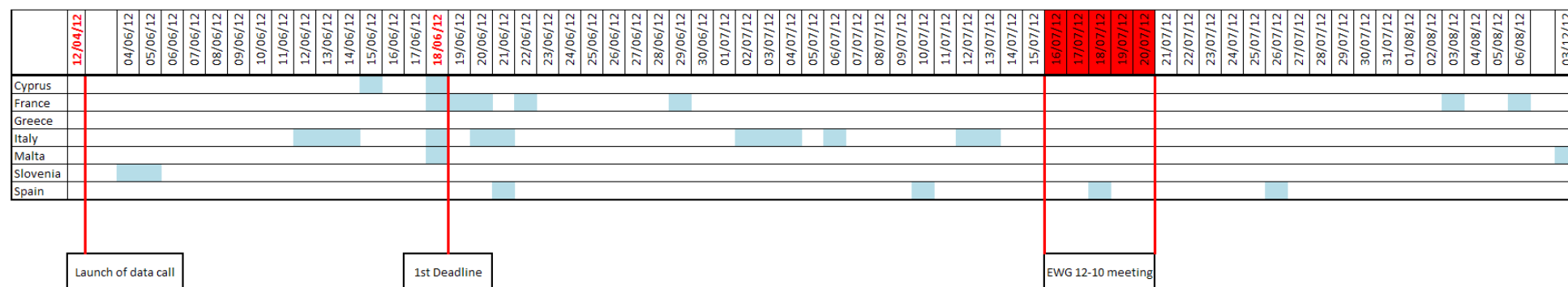
As regards the second deadline for 2012 trawl and hydro acoustic surveys data, only Cyprus, France and Malta submitted their data and before the deadline of 3<sup>rd</sup> December 2012. Greece, Italy, Spain and Slovenia did not submit for 2012 any data.

**Table 3.3** Time period of Member States' data submissions in response to the second deadline of 03/12/2012 for the 2012 trawl and echo surveys data call.

<b>Country</b>	<b>First Submission</b>	<b>Last Submission</b>
Cyprus	29-11-2012	12-03-2012
France	16-11-2012	20-11-2012
Greece	-	-
Italy	-	-
Malta	12-03-2012	12-03-2012
Slovenia	-	-
Spain	-	-

Table 3.4 below presents the data submission activity (data flow) by Member State in details.

**Table 3.4** Data submissions by Member State. Blue box indicates data submission date.



In Table 3. are summarized the major issues identified in data coverage, timeliness, completeness or quality by country. The issues reported in this table are issues identified either through checks performed by JRC experts regarding the coverage, completeness and timeliness or by the EWG experts with the assistance and support of JRC experts regarding the quality of the submitted data. The major data deficiencies are further explained in the detailed sections by Member State and requested data table.

Table 3.5 Major findings in the evaluation of Member States' submissions

<b>Member State</b>	<b>Major issues in data coverage, timeliness, completeness and quality</b>
Cyprus	<ul style="list-style-type: none"> <li>• No major issue to be reported.</li> </ul>
France	<ul style="list-style-type: none"> <li>• Fisheries and effort data was submitted then revised after the deadline.</li> <li>• Catch data from GSA 8 is entirely missing.</li> <li>• Only 2011 Effort data was submitted for GSA 7 and 8.</li> </ul>
Greece	<ul style="list-style-type: none"> <li>• JRC did not receive any data.</li> </ul>
Italy	<ul style="list-style-type: none"> <li>• No fishing activity data for the period 2002 – 2005.</li> <li>• MEDITS 2012 was not submitted, no MEDITS data from GSA 17 for 1994-2001, major gaps in MEDITS TT and TD tables.</li> <li>• Echo survey for 2012 not submitted.</li> </ul>
Malta	<ul style="list-style-type: none"> <li>• Discards information available only for years 2009 to 2011.</li> </ul>
Slovenia	<ul style="list-style-type: none"> <li>• MEDITS 2012 data was not submitted, MEDITS TD file not submitted.</li> </ul>
Spain	<ul style="list-style-type: none"> <li>• Discards at length information was not provided.</li> <li>• Effort data was not submitted.</li> <li>• MEDITS and other surveys data are lacking for 2012.</li> </ul>

## 4 Overview of submitted fisheries, effort and survey data

### 4.1 Table A Catch data

In Table 4.1 is summarized the number of species, by country and GSA, for which have been reported total landings in tons (LANDINGS panel), the total discards information in tons (DISCARDS panel) and in the last panel (AGE INFORMATION) the number of species for which there is disaggregated age information by species. The count of species was performed retaining everything for values  $\geq 0$ , while for landings at age and at length only values  $> 0$ .

As an example in 2011 ESP reported total landings for GSA 6 for 52 species, discards information for 43 species but numbers of reported fish by age drops to 12. The numbers of species for which age information was submitted in 2011 should comply with the number of species listed in Appendix VII of C(2009) 10121 unless there is a derogation or the species is not caught.

Table 4.1 Number of species for which landings and discards tons have been reported in the 2012 Data Call for the available years and number of species for which age information was provided.

LANDINGS											
COUNTRY	AREA	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
CYP	SA 25				5	5	5	5	5	5	5
ESP	SA 1	52	52	52	52	52	52	52	52	52	53
ESP	SA 2								52	53	53
ESP	SA 5	53	53	53	53	53	53	53	53	53	53
ESP	SA 6	51	51	51	51	51	51	51	51	51	52
ESP	SA 7	53	53	53	53	53	53	53	53	53	53
FRA	SA 7	6	6	6	9	9	9	9	10	10	5
ITA	SA 10					7	8	10	9	10	7
ITA	SA 11				5	5	5	5	7	7	27
ITA	SA 16							7	10	10	11
ITA	SA 17				4	8	6	5	5	5	6
ITA	SA 18					2	7	7	8	9	11
ITA	SA 19					6	7	9	10	10	9
ITA	SA 9					16	13	12	18	22	20
MLT	SA 15				26	29	31	33	38	39	40
SVN	SA 17				29	30	31	33	32	32	31
DISCARDS											
COUNTRY	AREA		2003	2004	2005	2006	2007	2008	2009	2010	2011
CYP	SA 25				5	5	5	5	5	5	5
ESP	SA 1				10	3	3	10	36	36	39
ESP	SA 2								11	12	11
ESP	SA 5				11	1	1	11	39	40	40
ESP	SA 6				11	3	5	11	44	45	43
ESP	SA 7				11	1	4	12	39	39	27
FRA	SA 7		3	1	3	3	3	3	1		
ITA	SA 10					7	8	10	9	10	7

ITA	SA 11				1	2			3	5	18
ITA	SA 16								2	7	8
ITA	SA 17									1	6
ITA	SA 18						5	5	6	8	10
ITA	SA 19					6	7	9	10	10	9
ITA	SA 9					7			14	19	19
MLT	SA 15								7	7	9
SVN	SA 17					6	25	20	25	21	25
<b>AGE INFORMATION</b>											
COUNTRY	AREA	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
CYP	SA 25				5	5	5	5	5	4	
ESP	SA 1	1	8	8	8	8	8	8	12	12	12
ESP	SA 2								1	1	1
ESP	SA 5	6	6	6	6	6	6	6	8	8	8
ESP	SA 6	7	8	8	8	7	7	8	12	12	12
ESP	SA 7	1	1	4	4	4	4	4	10	10	
FRA	SA 7	2	2		1	4	4	4	4	8	3
ITA	SA 10					7	8	10	9	10	7
ITA	SA 11				5	5	5	5	7	7	27
ITA	SA 16							7	9	10	
ITA	SA 17				4	8	6	5	5	5	6
ITA	SA 18					2	7	7	8	9	11
ITA	SA 19					6	7	9	10	10	9
ITA	SA 9					16	13	12	18	22	20
MLT	SA 15					1	1	1	1	1	

To describe the level of resolution in the metier-related variables in Table A Catch data, Table 4.1.1 was designed. It summarizes by Country, GSA (SA), Vessel Length and Gear, the resolution in Mesh Size (MSR) and Fishery (FISH). These level 6 variables should follow the specifications listed in Appendix IV of C(2009) 10121 unless there is a derogation and vertical aggregation is allowed. When a value of zero is reported it means that there is aggregation over all mesh sizes or all fisheries, values greater than zero indicate the number of unique types of mesh sizes or fisheries reported for a given gear, vessel length, GSA and country over the range of years for which data has been submitted. As an example ESP reports catch data by GSA, gear, mesh size and fishery but never by vessel length class.

Table 4.1.1 Number of unique mesh sizes (MSR) and fisheries (FISH) by country, statistical area (GSA-SA), vessel length (VL), gear in Table A Catch data. Original NONE values in the cells indicate that MSR or FISH were aggregated and in current table are reported as 0, if a mix of NONE and other MSR or FISH was summed over the NONE values were not considered in the count.

			SA 1	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 2	SA 20	SA 22	SA 25	SA 5	SA 6	SA 7	SA 9
COUNTRY	VL	GEAR	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH
CYPRUS	VL0012	GNS												1	1			
		GTR												1	1			
		LLS												0	1			
	VL1224	OTB												2	1			
		PS												1	1			
	VL1824	OTB												2	1			
ESP	none	FPO	0	1												0	1	
		GNS	1	2											1	1	1	2
		GTR	1	1											1	1	1	1
		LA													0	1		
		LHP	0	1														
		LLD	0	1												0	1	
		LLS	0	1												0	1	0
		none	0	0							0	0			0	0	0	0
		OTB	1	3							1	3			1	3	1	3

[illegible]











ESP	SA 6	7	9	10	10	8	8	9	34	35	34
ESP	SA 7	1	1	5	5	5	5	5	27	32	21
FRA	SA 7	6	6	7	9	9	9	9	10	10	9
ITA	SA 10					7	8	10	9	10	7
ITA	SA 11				5	5	5	5	7	7	29
ITA	SA 16					7	7	7	12	12	11
ITA	SA 17				4	10	8	7	7	7	18
ITA	SA 18					2	7	7	8	9	11
ITA	SA 19					6	7	9	10	10	9
ITA	SA 9					18	13	12	18	22	20
MLT	SA 15				1	1	1	1	12	12	17
SVN	SA 17					2	2	2		2	2

#### 4.3 Table C Discards at length

Table 4.3 summarises the number of species, by country, GSA and year, for which have been reported discards in tons (DISCARDS panel) and in the second panel (DISCARDS AT LENGTH) the number of species for which there is disaggregated discard information at length by specie. The count of species was performed retaining everything for values  $\geq 0$ , while for landings at age and at length only values  $> 0$ .

Table 4.3 Number of species for which discards in tons and number of species for which discards at length information was provided in the 2012 Data Call.

<b>DISCARDS</b>											
COUNTRY	AREA	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
CYP	SA 25				5	5	5	5	5	5	5
ESP	SA 1				10	3	3	10	36	36	39
ESP	SA 2								11	12	11
ESP	SA 5				11	1	1	11	39	40	40
ESP	SA 6				11	3	5	11	44	45	43
ESP	SA 7			1	11	1	4	12	39	39	27
FRA	SA 7		2		2	2	2	2			
ITA	SA 10					4			4	5	7
ITA	SA 11				1	2			3	6	19
ITA	SA 16								2	11	6
ITA	SA 17									2	17
ITA	SA 18								6	6	8
ITA	SA 19					2			8	4	5
ITA	SA 9					7			14	19	19
MLT	SA 15								7	7	9
SVN	SA 17					6	25	20	25	21	25
<b>DISCARDS AT LENGTH</b>											
COUNTRY	AREA	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
CYP	SA 25					4	1	3	3	1	3

FRA	SA 7	4	4	5	9	9	9	9	8	8	
ITA	SA 10					4			4	5	7
ITA	SA 11				1	2			3	6	19
ITA	SA 16								2	11	6
ITA	SA 17									2	17
ITA	SA 18								6	6	8
ITA	SA 19					2			8	4	5
ITA	SA 9					7			14	19	19
MLT	SA 15								7	7	9
SVN	SA 17					5	22	19	24	21	24

#### 4.4 Table D Fishing Effort

A summary of fishing effort data is given in Table 4.4, values in cells represent the number of records submitted by SA and year. It emerges clearly that France submitted only 2011 data and Spain no data.

Table 4.4 Summary of fishing effort data submitted in the 2012 data call, numbers in the cells indicate the number of records per year and SA submitted. Empty cells indicate lack of data.

COUNTRY	AREA	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
CYP	SA 13								1		
CYP	SA 14				2	4	4	4	4	4	4
CYP	SA 15								2	2	2
CYP	SA 19									2	
CYP	SA 21									3	2
CYP	SA 24				3	4	1		3	4	3
CYP	SA 25				40	40	40	41	40	40	4
CYP	SA 26				2	4	4	1	2	2	2
FRA	SA 7										10
FRA	SA 8										4
ITA	SA 10			124	103	122	124	140	172	169	180
ITA	SA 11			55	58	89	97	105	112	116	102
ITA	SA 16			106	94	108	98	125	155	154	154
ITA	SA 17			131	125	132	131	133	148	139	136
ITA	SA 18			73	70	85	82	103	95	95	88
ITA	SA 19			105	99	133	133	144	157	157	166
ITA	SA 9			104	90	111	110	121	143	142	144
MLT	SA 15				116	212	209	167	153	142	142
SVN	SA 17				56	51	59	66	71	64	69

An overview table of effort information is available in Appendix 1. The table aims at showing the degree of resolution in the fishing effort indicators from different GSA by country over the range of years in the last data submission. It appears that countries like Spain never provide effort data at the resolution of mesh size or fishery and that across countries the reporting of mesh size is mostly 0 which is equivalent to no identification of mesh size.

## 4.5 Overview MEDITS data

An overview of the available information and the checks' results on MEDITS data are available in the following tables. A summary of data submission after the December 2012 deadline is given in Table 4.5.1 for the number of tows performed, in Table 4.5.2 for the stratification and in Table 4.5.3 for the number of temperature records. After the second deadline Italy, Spain and Slovenia did not submit any data, thus no MEDITS records for 2012 are available from these countries. A major data gap is in Italian GSA 17 where data have never been submitted for the period 1994-2001, data is missing also from GSA8 in 2002 and from Slovenia in 2006.

Table 4.5.1. Submitted MEDITS records (number of tows) in each GSA and year after the 3 December 2012 deadline.

COUNTRY	GSA	Year																		
		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
CYP	25												25	25	25	27	27	27	26	26
ESP	01	28	28	34	34	34	39	39	40	46	47	43	38	51	45	43	39	26	28	
ESP	02																		7	
ESP	05		4	4	3	4	4		8	4		5	4	5	55	55	55	50	56	
ESP	06	55	79	69	65	56	74	75	77	86	93	80	81	91	64	78	75	55	78	
FRA	07	70	68	68	65	70	68	70	87	64	73	68	66	69	65	55	65	77	73	66
FRA	08	24	22	20	24	25	23	22	2		23	24	24	23	26	26	23	6	23	23
ITA	09	153	153	153	153	153	153	153	153	120	120	120	120	120	120	120	120	120	120	
ITA	10	84	85	85	85	85	84	85	85	70	70	70	70	70	70	70	70	70	70	
ITA	11	125	108	125	126	123	124	123	123	99	99	95	97	98	100	95	97	99	101	
ITA	16	36	41	41	41	42	42	42	42	66	65	65	108	114	120	120	120	120	120	
ITA	17									181	181	181	182	181	183	182	183	183	185	
ITA	18	72	72	112	112	112	112	112	112	90	90	90	90	90	90	90	90	90	90	
ITA	19			74	74	74	74	74	74	70	70	70	70	70	70	70	70	70	70	
ML T	15									45	45	44	45	45	46	45	45	45	44	44
SVN	17			2	2	2	2	2	2	2	2	2	2		4	2	2	2	2	

Table TD reports the number of temperature records taken during the MEDITS tows and the number should be equal to the number of tows in a given GSA and year as reported in Table 4.5.1. There are some clear data gaps for 2012 for Italy, Spain and Slovenia, in addition no temperature data is available for France (GSAs 7 and 8) over the period 1994-1997, for Italy GSA 11 and 18 over period 1994-2008, for all Italian GSAs (except 9) lack of records from 1994-1997

Table 4.5.2 Overview of the number of records in MEDITS TD file (deadline 3/12/2012).

COUNTRY	AREA	Year																		
		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
CYP	25												25	25	26	27	27	27	26	26
ESP	1	28	28	34	34	34	39	39	40	46	47	43	38	51	45	43	39	26	28	
ESP	2																		7	
ESP	5		4	4	3	4	4		8	4		5	4	5	55	55	55	50	57	
ESP	6	51	79	69	65	56	74	75	77	86	93	80	81	91	64	78	75	55	78	
FRA	7					71	60	69	65	64	73	66	66	68	68	55	64	57	73	66
FRA	8					12	21	23	21		23	23	24	24	23	26	24	23	23	23
ITA	9	153	153	153	153	153	153	153	153	120	120	120	120	120	120	120	120	120	120	
ITA	10					57	57	57	57	70	70	70	70	57	70	70	70	70	70	
ITA	11																97	100	101	
ITA	16						56	48	52	102	13	98	120	120	120	118	120		113	
ITA	17									180	181		182	179	182	182	183	182		
ITA	18																90	89	90	
ITA	19					20	70	74	73	5	68	70	69	63			42		54	
MLT	15									45	18	17	45	43	45	44	43		42	30

Information on numbers of hauls by strata is detailed in Table 4.5.3 and derived from MEDITS TT table. The number should match the numbers in Table 4.5.1 and in case assignment to strata is not reported it is difficult to estimate the survey stratified indexes of abundance. The non-submission of data according to the second deadline is the same as stated for the above tables and there are missing data over several years for the following GSAs: GSA 11 from 1994-2006, GSA 17 from 1994-2001 and 2011, GSA 19 from 1994-2001 and Slovenia (GSA 17) for 1994,1995 and 2006.

Table 4.5.3 Overview of the number of tows for which the strata assignment was recorded in MEDITS TT file (deadline 3/12/2012).

COUNTRY	GSA	Year																		
		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
CYP	25												25	25	25	27	27	27	26	26
ESP	1	28	28	34	34	34	39	39	40	46	47	43	38	51	45	43	39	26	28	
ESP	2																		7	
ESP	5		4	4	3	4	4		8	4		5	4	5	55	55	55	50	57	
ESP	6	51	79	69	65	56	74	75	77	86	93	80	81	91	64	78	75	55	78	
FRA	7	70	68	64	76	71	66	69	67	64	73	69	66	68	68		64	60	73	66
FRA	8	24	22	24	13	24	25	23	22		23	23	24	24	23	81	24	23	23	23
ITA	9	153	153	153	153	153	153	153	153	120	120	120	120	120	120	120	120	120	120	
ITA	10	84	85	85	85	85	84	85	85	70	70	70	70	70	70	70	70	29	70	



ITA	11														100	95	97	100	101	
ITA	16	36	41	41	41	42	42	42	42	66	66	65	108	114	120	120	120	120	120	
ITA	17									180	181	181	182	179	182	182	183	182		
ITA	18	72	72	112	112	112	112	112	112	90	90	90	90	90	90	90	90	90	90	
ITA	19									70	70	70	70	70	70	70	70	70	70	
MLT	15									45	45	44	45	45	46	45	45	45	44	44
SVN	17			2	2	2	2	2	2	2	2	2	2		4	2	2	2	2	

The SQL developed queries were performed on MEDITS data in JRC data base to examine MS's data submissions according to the MEDITS instruction manual and to identify erroneous entries. The focus was on checking performance parameters of the survey net for which misreporting would prevent the use of the biological data deriving from the corresponding hauls. If either Wing or Vertical Opening of the net (in Table TA of MEDITS) have a value of zero and are declared valid tows is considered an error and Table 5.3, 5.4 report the numbers of occurrence of such errors and identify the individual erroneous tows (Table 5.5).

Table 5.3 Result of quality check on hauls declared Valid but reporting a Vertical Opening=0 by year and Area, number represent the count of erroneous records.

COUNTRY	GSA	Year																		
		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
ESP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	1	0	0
ESP	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0
FRA	7	2	0	0	2	1	2	3	4	1	1	66	1	0	4	1	0	13	0	0
FRA	8	3	1	0	0	1	0	0	0	0	0	24	0	0	0	0	0	1	0	0
ITA	16	0	0	0	0	0	0	0	0	0	65	65	108	114	120	120	120	120	120	0

Table 5.4 Result of quality check on hauls declared Valid but reporting a Wing Opening=0 by year and Area, number represent the count of erroneous records.

COUNTRY	GSA	Year																		
		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
ESP	1	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
ESP	6	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0

Table 5.5 List of MEDITS hauls reporting Wing Opening=0 and Validity=V

GSA	Vessel	year	month	day	haul_number	validity	course	vertical_opening	wing_opening	geometrical_precision
1	COR	1994	5	28	1	V	R	37	0	M
1	COR	1994	5	28	2	V	R	36	0	M
1	COR	1994	5	29	4	V	R	40	0	M
1	COR	1994	5	29	5	V	R	36	0	M
1	COR	1994	5	29	6	V	R	38	0	M
1	COR	1994	5	30	7	V	R	39	0	M
1	COR	1994	5	30	9	V	R	39	0	M
1	COR	1994	5	30	10	V	R	39	0	M
1	COR	1994	5	30	11	V	R	32	0	M
1	COR	1994	5	31	12	V	R	21	0	M
1	COR	1994	5	31	13	V	R	37	0	M
1	COR	1994	5	31	14	V	R	33	0	M
1	COR	1994	5	31	15	V	R	40	0	M
1	COR	1994	5	31	16	V	R	37	0	M
1	COR	1994	6	1	17	V	R	31	0	M
1	COR	1994	6	1	18	V	R	30	0	M
1	COR	1994	6	1	19	V	R	34	0	M
1	COR	1994	6	1	20	V	R	28	0	M
1	COR	1994	6	1	21	V	R	29	0	M
1	COR	1994	6	2	22	V	R	30	0	M
1	COR	1994	6	2	23	V	R	32	0	M
1	COR	1994	6	2	24	V	R	30	0	M
1	COR	1994	6	3	25	V	R	22	0	M
1	COR	1994	6	3	26	V	R	30	0	M
1	COR	1994	6	3	27	V	R	39	0	M
1	COR	1994	6	4	28	V	R	37	0	M
6	COR	1994	6	5	29	V	R	35	0	M
6	COR	1994	6	5	30	V	R	36	0	M
6	COR	1994	6	5	31	V	R	32	0	M
6	COR	1994	6	5	32	V	R	19	0	M
6	COR	1994	6	6	33	V	R	34	0	M
6	COR	1994	6	6	34	V	R	27	0	M
6	COR	1994	6	6	35	V	R	38	0	M
6	COR	1994	6	7	37	V	R	31	0	M
6	COR	1994	6	7	38	V	R	34	0	M
6	COR	1994	6	7	39	V	R	24	0	M
6	COR	1994	6	7	40	V	R	34	0	M
6	COR	1994	6	8	41	V	R	38	0	M
6	COR	1994	6	8	42	V	R	34	0	M
6	COR	1994	6	8	43	V	R	34	0	M
6	COR	1994	6	11	44	V	R	38	0	M
6	COR	1994	6	11	45	V	R	37	0	M
6	COR	1994	6	11	46	V	R	36	0	M
6	COR	1994	6	12	47	V	R	23	0	M

6	COR	1994	6	12	48	V	R	31	0	M
6	COR	1994	6	12	49	V	R	26	0	M
6	COR	1994	6	12	50	V	R	26	0	M
6	COR	1994	6	13	51	V	R	31	0	M
6	COR	1994	6	13	52	V	R	34	0	M
6	COR	1994	6	13	53	V	R	33	0	M
6	COR	1994	6	13	54	V	R	30	0	M
6	COR	1994	6	13	55	V	R	30	0	M
6	COR	1994	6	13	56	V	R	34	0	M
6	COR	1994	6	14	57	V	R	27	0	M
6	COR	1994	6	14	58	V	R	31	0	M
6	COR	1994	6	14	59	V	R	36	0	M
6	COR	1994	6	14	60	V	R	32	0	M
6	COR	1994	6	14	61	V	R	34	0	M
6	COR	1994	6	14	62	V	R	33	0	M
6	COR	1994	6	15	63	V	R	31	0	M
6	COR	1994	6	15	64	V	R	33	0	M
6	COR	1994	6	15	65	V	R	33	0	M
6	COR	1994	6	15	66	V	R	33	0	M
6	COR	1994	6	16	67	V	R	34	0	M
6	COR	1994	6	16	68	V	R	33	0	M
6	COR	1994	6	16	69	V	R	33	0	M
6	COR	1994	6	17	70	V	R	22	0	M
6	COR	1994	6	17	71	V	R	26	0	M
6	COR	1994	6	17	72	V	R	18	0	M
6	COR	1994	6	18	74	V	R	33	0	M
6	COR	1994	6	18	75	V	R	35	0	M
6	COR	1994	6	18	76	V	R	28	0	M
6	COR	1994	6	18	77	V	R	25	0	M
6	COR	1994	6	19	78	V	R	14	0	M
6	COR	1994	6	19	79	V	R	34	0	M
6	COR	1994	6	19	80	V	R	32	0	M
6	COR	1994	6	19	81	V	R	36	0	M
6	COR	1994	6	19	82	V	R	28	0	M
1	COR	2010	5	20	13	V	R	24	0	M
1	COR	2010	5	22	22	V	R	0	0	M
6	COR	2011	5	27	77	V	R	29	0	M
6	COR	2011	5	27	78	V	R	26	0	M
6	COR	2011	5	27	79	V	R	26	0	M

#### 4.6 Overview of submitted hydro-acoustic survey data

Acoustic surveys of small pelagics are performed by France, Spain, Italy and Malta only. In Table 4.6.1 are reported the number of species for which abundance at length was submitted by area and year. No Member State submitted data for 2012.

Table 4.6.1 Abundance at length for hydro acoustic surveys, values are the numbers of species for which data are reported.

Country	area	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
ESP	SA 1							2	2	2	2	2	2	2	2	2	6
ESP	SA 6							2	2	2	2	2	2	2	2	2	6
FRA	SA 7							2	2	2	2	2	2	2	2	2	2
ITA	SA 16														8	8	8
ITA	SA 17														8	8	8
ITA	SA 18														8	8	8
MLT	SA 15														8	8	8

In Table 4.6.2 are reported the number of species for which biomass at length was submitted by area and year. No Member State submitted data for 2012.

Table 4.6.2 Biomass at length table for acoustic survey data, values are the numbers of species for which data are reported.

Country	area	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
ESP	SA 1							2	2	2	2	2	2	2	2	2	6
ESP	SA 6							2	2	2	2	2	2	2	2	2	6
ITA	SA 16														8	8	8
ITA	SA 17														8	8	8
ITA	SA 18														8	8	8
MLT	SA 15														8	8	8

In Table 4.6.3 are reported the number of species for which abundance and biomass at age were submitted by area and year. No Member State submitted data for 2012.

Table 4.6.3 Abundance and Biomass at age for acoustic survey data, values are the numbers of species for which data are reported.

country	area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
ESP	SA 1	2	2	2	2	2	2	2	2	2	6
ESP	SA 6	2	2	2	2	2	2	2	2	2	6
ITA	SA 16								8	8	8
ITA	SA 17								2	2	2
ITA	SA 18								2	2	2
MLT	SA 15								8	8	8

## 5 Detailed review by country

In this section, a detailed analysis of the data coverage and quality issues relating to each Member State is provided. The tables are presented, according to the available information, with an exhaustive description. Additionally, missing requested parameters are reported.

### 5.1 Cyprus

#### 5.1.1 Table A Fisheries catch data at age

The table 5.1.1.1 lists the last landings data submission date and number of species from Cyprus in GSA 25. The data was submitted on the last day of the deadline. The bulk of catch is represented by two species namely picarel (SPC) and bogue (BOG).

Table 5.1.1.1 Last data submission date and number of species.

Country	Last submission date	Number of species
Cyprus	18/06/2012	5

#### 5.1.2 Table B Landings data

The following table summarises the landings data submitted from Cyprus in GSA 25 in response to the 2012 DCF Mediterranean data call. The Table 5.1.2.1 lists the last submission date and number of species.

Table 5.1.2.1 Last landings data submission date and number of species from Cyprus.

Country	Last submission date	Number of species
Cyprus	15/06/2012	5

#### 5.1.3 Table C Discards data

The Table 5.1.3.1 shows the current discards data existing in the database, 2005-2011, together with the number of species from GFCM Sub-area SA 25.

Table 5.1.3.1 Last discards data submission date and number of species from Cyprus.

Country	Last submission date	Number of species
Cyprus	15/06/2012	5

#### 5.1.4 Table D Fishing effort data

The number of fisheries covered indicates that the quantitative information is scarce. Only two fisheries were reported and correspond to large pelagic fish (LPF) and demersal species (DEMSP). The effort data indicates that the two fisheries effort is distributed among 8 GSAs (Appendix I). JRC received the data on the last day of the deadline.

#### 5.1.5 Tables MEDITS and other surveys data

Cyprus submitted MEDITS data for the period 2005-2012, in due time before the second deadline of the Data Call (see also section 4.5). JRC did not receive any information on abundance and biomass from other surveys than MEDITS data.

Table 5.1.5.1 Submission date for each table of MEDITS data.

	G MEDITS TA	H MEDITS TB	I MEDITS TC	K MEDITS TD	L MEDITS TT
First submission	2012-06-15	2012-06-15	2012-06-15	2012-06-15	2012-06-15
Last submission	2012-12-03	2012-11-29	2012-11-29	2012-11-30	2012-11-29
Period coverage	2005-2012	2005-2012	2005-2012	2005-2012	2005-2012

## 5.2 France

#### 5.2.1 Table A Fisheries catch data at age

The following table summarises the fisheries catch data received from France. Only data from GFCM Sub-area GSA 7 was reported (no data for GSA 8). The received data covers the complete period, as requested by the Data Call, from 2002 to 2011.

Table 5.2.1.1 Last data submission date and number of species from GSA 7.

Country	Last submission date	Number of species
France	19/06/2012	7

#### 5.2.2 Table B Landings data

After a first series of submissions before the first deadline (18 June 2012), France updated its data submission on August 3<sup>rd</sup> 2012 of GSA 7 and appended data for GSA 8. For GSA 8, the submitted data included 21 species but only for 2011.

As for GSA7's submission, after the deadline only 8 species were reported instead of 10 in the earliest submission. The excluded species in the second update are namely anchovy (ANE) and sardine (PIL).

The updated data in August also included a revision of the mesh coding. The mesh size code was modified and the two codes 20D40 and 40D50 were replaced by 50D100.

The table 5.2.2.1 identifies the last landings data submission date and number of species from France GSAs 7 and 8.

Table 2.2.1.1 Last landings data submission date and number of species in total landings (not by length) data from France.

Country	Last submission date	Number of species	
		GSA 7	GSA 8
France	03/08/2012	8	21

### 5.2.3 Table C Fisheries discards data

The Table 5.2.3.1 shows the last discards data submission date and number of species from France in GSA 7 and 8.

Similarly to landings data, France submitted a cluster of records in June before the deadline and then updated its records in August. Some discrepancies are noted among these two submissions. In August, two records from GSA 8 in only 2011 were reported but did not contain any discards or length information. The two records correspond to two species: Atlantic bluefin Tuna (BFT) and flying squid (SLO).

As for GSA 7, the first submission attempts, before the deadline, included 3 species: hake, anchovy and sardine. Whereas, during the uploading in August, 8 species were reported, hake's data remained but anchovy and sardine were withdrawn. It is also noted that the submitted data corresponds to the period 2002-2010.

Table 2.2.2.1 Last discards data submission date and number of species from France.

Country	Last submission date	Number of species	
		GSA 7	GSA 8
France	06/08/2012	8	2

### 5.2.4 Table D Fishing effort data

The fishing effort data in GSA 7 was received on the day of the deadline and included only 2011 information. On August 3<sup>rd</sup>, France appended data for only GSA 8 in which only two fisheries were reported. Both submissions reported only data for 2011 and thus did not conform to the Data Call which requires a full data series from 2002 to 2011.

The following table displays the last fishing effort data submission date and number of fisheries from France in GSAs 7 and 8.

Table 2.2.3.1 Last fishing effort data submission date and number of fisheries in GSAs 7 and 8.

Country	Last submission date	Number of fisheries	
		GSA 7	GSA 8
France	03/08/2012	1	2

### 5.2.5 Tables MEDITS and other surveys data

France submitted the MEDITS data before the second deadline, in conformity with the 2012 Data Call. The following table displays the submission date and the temporal coverage for each table (See also section 4.5).

Table 5.2.5.1 Submission date and the temporal coverage of MEDITS from France.

	G MEDITS TA	H MEDITS TB	I MEDITS TC	K MEDITS TD	L MEDITS TT
First submission	2012-06-18	2012-06-19	2012-06-18	2012-06-18	2012-06-18
Last submission	2012-11-16	2012-11-20	2012-11-20	2012-11-16	2012-11-19
Period	1994-2012	1994-2012	1994-2012	1998-2012	1996-2012

For surveys data other than MEDITS, number of species for which data is available are in section 4.6.

Table 5.2.5.2 Submission date and temporal coverage of other surveys from France.

	M Abundance	N Biomass	O Abundance Biomass
First Submission	2012-06-19	-	-
Last Submission	2012-06-19	-	-
Period	2002-2011	-	-

## 5.3 Greece

JRC did not receive any data for any table from Greece, in response to the DG MARE data call 2012.

## 5.4 Italy

### 5.4.1 Table A Fisheries catch data at age

The following table summarises the number of species in the fisheries catch data submitted by Italy for GFCM subareas GSA 9, 10, 11, 16, 17, 18 and 19. It is noted that the data covered the period from 2005 to 2011. Other years' data 2002, 2003 and 2004 are missing. The data was submitted after the deadline.



Table 5.4.1.1 Last catch data submission date and number of species from Italy.

Country	Last submission date	Number of species						
		GSA 9	GSA 10	GSA 11	GSA 16	GSA 17	GSA 18	GSA 19
Italy	06/07/2012	22	12	26	12	9	12	10

#### 5.4.2 Table B Landings data

Table 5.4.2.1 identifies the last landings data submission date and number of species from GFCM Sub-area GSA 9, 10, 11, 16, 17, 18 and 19. The data was submitted after the deadline and corresponds to the period from 2005 to 2011.

Table 5.4.2.1 Last landings data submission date and number of species in landings data.

Country	Last submission date	Number of species						
		GSA 9	GSA 10	GSA 11	GSA 16	GSA 17	GSA 18	GSA 19
Italy	06/07/2012	22	12	29	12	19	12	10

#### 5.4.3 Table C Fisheries discards data

Table 5.4.3.1 shows the last discards data submission date and number of species from Italy in GSA 9, 10, 11, 16, 17, 18 and 19.

In addition to the data's deficiency for the period from 2002 to 2005, the data for the years 2007 and 2008 were missing for all GSAs.

Table 5.4.3.1 Last discards data submission date and number of species from Italy.

Country	Last submission date	Number of species						
		GSA 9	GSA 10	GSA 11	GSA 16	GSA 17	GSA 18	GSA 19
Italy	06/07/2012	22	9	21	11	17	9	9

#### 5.4.4 Table D Fishing effort data

The following table displays the last fishing effort data submission date and number of fisheries from Italy in GSA 9, 10, 11, 16, 17, 18 and 19 (see also Annex I). JRC received the data the day of the deadline. The received data covers the period 2004-2011 for all GSAs.

Table 5.4.4.1 Last fishing effort data submission date and number of fisheries from Italy

Country	Last submission date	Number of fisheries						
		GSA 9	GSA 10	GSA 11	GSA 16	GSA 17	GSA 18	GSA 19
Italy	06/07/2012	8	10	6	10	8	7	10

### 5.4.5 Tables MEDITS and other surveys data

Italy did not submit MEDITS data for 2012 as it was requested by DG Mare data call however data up to 2011 was provided. Details of submissions for all tables are provided in the report's section 4.5. Details of submitted data of abundance and biomass from other surveys are available in section 4.6. The following tables show the data submission date for each requested table.

Table 5.4.5.1 Submission date and the data coverage of MEDITS data from Italy.

	G MEDITS TA	H MEDITS TB	I MEDITS TC	K MEDITS TD	L MEDITS TT
First submission	2012-06-12	2012-06-13	2012-06-13	2012-06-12	2012-06-12
Last submission	2012-07-03	2012-07-13	2012-07-04	2012-06-12	2012-06-12
Period	See section 4.5			See section 4.5	See section 4.5

Table 5.4.5.2 Submission date and the data coverage of other surveys data from Italy.

	M Abundance	N Biomass	O Abundance Biomass
First Submission	2012-06-18	2012-06-18	2012-06-18
Last Submission	2012-06-21	2012-06-21	2012-06-21
Period	2009-2011	2009-2011	2009-2011

## 5.5 Malta

### 5.5.1 Table A Fisheries catch data at age

Table 5.5.1.1 displays the fisheries catch data received from Malta for the GFCM subarea 15. The submitted data covers the period from 2005 to 2011. Data was received on the last day of the deadline.

Table 5.5.1.1 Last landings data submission date and number of species from Malta.

Country	Last submission date	Number of species
Malta	18/06/2012	46

### 5.5.2 Table B Landings data

The following table summarises the landings data submitted by Malta in GSA 15 in response to the 2012 DCF Mediterranean data call. The data were received on the last day of the deadline and covers the period 2005 to 2011. The Table 5.5.2.1 lists the last submission date and number of species.

Table 5.5.2.1 Last landings data submission date and number of species from Malta.

Country	Last submission date	Number of species
Malta	18/06/2012	46

### 5.5.3 Table C Discards data

JRC received data from Malta in due time. The submitted data covers only the last three years from 2009 to 2011. The following table shows the number of species reported in the discards data table.

Table 5.5.3.1 Last discards data submission date and number of species from Malta.

Country	Last submission date	Number of species
Malta	18/06/2012	9

### 5.5.4 Table D Fishing effort data

The Table 5.5.4.1 shows the last fishing effort data submission date and number of fisheries from Malta in GSA 15. Data were submitted in due time, on the deadline day. The data covers 7 years from 2005 to 2011.

Table 5.5.4.1 Last fishing effort data submission date and number of fisheries from Malta.

Country	Last submission date	Number of fisheries
Malta	18/06/2012	10

### 5.5.5 Tables MEDITS and other surveys data

Malta submitted the MEDITS data in due time, on the day of the deadline. Maltese data also comply with the Data Call requirements. Full series of MEDITS surveys data were submitted, covering the period from 2002 to 2012. It is noted that surveys were not carried out prior to 2002 (Table 5.5.5.1). Abundance and biomass tables derived from other surveys covered only the last three years and no data for 2012 was submitted despite a submission on the second deadline (Table 5.5.5.2)

Table 5.5.5.1 Submission date and the data coverage of MEDITS data from Malta.

	G MEDITS TA	H MEDITS TB	I MEDITS TC	K MEDITS TD	L MEDITS TT
First Submission	2012-06-18	2012-06-18	2012-06-18	2012-06-18	2012-06-18
Last Submission	2012-12-03	2012-12-03	2012-12-03	2012-12-03	2012-12-03
Period	2002-2012	2002-2012	2002-2012	2002-2012*	2002-2012

(\*) Data in 2010 is missing.

Table 5.5.5.2 Submission date and the data coverage of hydro-acoustic surveys from Malta.

	M Abundance	N Biomass	O Abundance Biomass
First Submission	2012-06-18	2012-06-18	2012-06-18
Last Submission	2012-12-03	2012-12-03	2012-12-03
Period	2009-2011	2009-2011	2009-2011

## 5.6 Slovenia

### 5.6.1 Table A Fisheries catch data at age

Slovenia submitted fisheries data covering the period from 2005 to 2011 in GFCM Sub-area GSA 17. The following table shows the number of species reported and the last submission date.

Table 5.6.1.1 Last catch data submission date and number of species from Slovenia.

Country	Last submission date	Number of species
Slovenia	04/06/2012	36

### 5.6.2 Table B Landings data

The table 5.6.2.1 identifies the last landings data submission date and number of species from Slovenia in GSA 17. The data was submitted before the deadline.

Table 5.6.2.1 Last landings data submission date and number of species from Slovenia.

Country	Last submission date	Number of species
Slovenia	04/06/2012	33

### 5.6.3 Table C Discards data

The following table 5.6.3.1 shows the last discards data submission date and number of species from Slovenia in GSA 17. The data covers the period from 2006 to 2011.

Table 5.6.3.1 Last discards data submission date and number of species from Slovenia.

Country	Last submission date	Number of species
Slovenia	04/06/2012	28

### 5.6.4 Table D Fishing effort data

The following table displays the last data submission date and number of fisheries reported. The data was received before the deadline of the data call. The received data covers the period from 2005 to 2011.

Table 5.6.4.1 Last fishing effort data submission date and number of fisheries from Slovenia.

Country	Last submission date	Number of fisheries
Slovenia	04/06/2012	5

### 5.6.5 Tables MEDITS and other surveys data

Slovenia did not submit any MEDITS for 2012. Details of Medits submissions prior to 2012 are reported in the section 4.5. Data from other surveys were not reported.

Table 5.6.5.1 Submission date and the data coverage of MEDITS surveys from Slovenia.

	G MEDITS TA	H MEDITS TB	I MEDITS TC	K MEDITS TD	L MEDITS TT
First Submission	2012-06-05	2012-06-05	2012-06-05	-	2012-06-05
Last Submission	2012-06-05	2012-06-05	2012-06-05	-	2012-06-05
Period	1996-2011*	1996-2011*	1996-2011*	-	1996-2011*

(\*) 2006 data is missing.

## 5.7 Spain

### 5.7.1 Table A Fisheries catch data at age 2002-2011

The submitted Spanish data from all GSAs covers the full time series as requested by the data call, with the exception of GSA 2 where only the last three years were reported. All the data sets were received after the deadline.

Table 5.7.1.1 Last catch data submission date and number of species from Spain.

Country	Last submission date	Number of species				
		GSA 1	GSA 2	GSA 5	GSA 6	GSA 7
Spain	10/07/2012	53	43	53	52	52

### 5.7.2 Table B Landings data

The following table displays number of species recorded in landings data by GSA and the last data submission date. The data was submitted on July 18th during the EWG 12-10.

Table 5.7.2.1 Last landings data submission date and number of species from Spain.

Country	Last submission date	Number of species				
		GSA 1	GSA 2	GSA 5	GSA 6	GSA 7
Spain	18/07/2012	53	53	53	52	53

### 5.7.3 Table C Discards data

JRC data collection team received the Spanish discards data after the deadline. The data covers the period from 2005 to 2011. It is noted that no discards at length information was reported. The following table displays the number of species where only discards records were reported.

Table 5.7.3.1 Last discards data submission date and number of species from Spain.

Country	Last submission date	Number of species				
		GSA 1	GSA 2	GSA 5	GSA 6	GSA 7
Spain	18/07/2012	39	13	41	46	39

### 5.7.4 Table D Fishing effort data

JRC did not receive any fishing effort data from Spain.

### 5.7.5 Tables MEDITS and other surveys data

Spain did not provide neither MEDITS nor hydro-acoustic data in 2012 in response to the Data Cal and only data prior to 2012 was submitted. Details of all data tables are in both sections 4.5 and 4.6). All tables were submitted after the first deadline (marked in red Table 5.7.5.1).

Table 5.7.5.1 Submission date and the data coverage of MEDITS surveys from Spain.

	G MEDITS TA	H MEDITS TB	I MEDITS TC	K MEDITS TD	L MEDITS TT
First Submission	2012-07-26	2012-07-26	2012-07-26	2012-07-26	2012-07-26
Last Submission	2012-07-26	2012-07-26	2012-07-26	2012-07-26	2012-07-26
Period	See section 4.5	See section 4.5	See section 4.5	See section 4.5	See section 4.5

Table 5.7.5.2 Submission date and the data coverage of other surveys from Spain.

	M Abundance	N Biomass	O Abundance Biomass
First Submission	2012-07-26	2012-07-26	2012-07-26
Last Submission	2012-07-26	2012-07-26	2012-07-26
Period	2002-2011*	2002-2011*	2002-2011*

(\*) Data from only GSAs 1 and 6.

## 6 Appendix 1

Effort data for each GSA by fisheries (FISH), mesh size (MSR) and fleet segment over the range of years for which data were submitted in the last Data Call. Value zero indicates that there is no specification of this variable and stands for aggregated level, empty cell indicates that not data was submitted at that level. Spain and Greece did not submit effort data in the last call and are thus not listed in the table.

			SA 1		SA 10		SA 11		SA 13		SA 14		SA 15		SA 16		SA 17		SA 18		SA 19		SA 20		SA 21		SA 22		SA 24		SA 25		SA 26		SA 3		SA 5		SA 6		SA 7		SA 8		SA 9	
	Vessel Length	GEAR	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH	MSR	FISH		
CYP	VL 12 24	OTB							1	1	2	1	2	1							1	1			2	1			2	1	2	1	2	1												
FRA	no ne	DRB																																						0	1					
		FYK																																					0	1						
		GN C																																					0	1						
		GN S																																					0	1						
		GTR																																				0	1							
		LL S																																				0	1							
	VL 06 12	GTR																																						0	1					
	VL 12 18	LL D																																						0	1					
		n o n e																																						0	1					
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European Commission

EUR 26367 EN – Joint Research Centre – Institute for the Protection and Security of the Citizen

Title: DCF Data Call Coverage Report for the Mediterranean Sea in 2012

Author(s): JRC G.04 FISHREG Data Collection Team

Luxembourg: Publications Office of the European Union

2013 – 53 pp. – 21 x 29.7 cm

EUR – Scientific and Technical Research series – ISSN 1831-9424

ISBN 978-92-79-34810-5

doi: 10.2788/42092

#### Abstract

This present 2012 DCF Data call coverage report provides a comprehensive evaluation of data submitted by Members States in the Mediterranean Sea in response to the DCF data call issued by DG MARE which includes two deadlines. The DCF data uploaded to JRC facilities are duly reviewed using several checking procedures. The data's evaluation was based on data specifications defined in the DCF data calls and it is based on three aspects: 1) timeliness of the submissions (according to the deadlines), 2) completeness (availability and coverage) of the data submitted, and 3) quality that allows to provide the requested scientific advice. The data quality assessment was performed by Expert Working Groups convened under the STECF framework with the support of JRC data collection team.

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ISBN 978-92-79-34810-5

